

Comparisons of Job Characteristics

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 50

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Food Production	2.1	13.2	1.4	<< Extensive education and/or training may be required
Mechanical	6.8	13.0	14.7	> Current knowledge level is likely sufficient
Transportation	4.6	10.0	11.5	> Current knowledge level is likely sufficient
Geography	3.9	9.2	6.9	<< Extensive education and/or training may be required
Production and Processing	6.0	8.7	7.1	< Expanded education and/or training may be required
Telecommunications	3.9	6.8	4.9	<< Extensive education and/or training may be required
Biology	3.7	5.9	2.2	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	9.0	11.2	> Skill level is likely sufficient
Repairing	3.4	7.9	8.7	> Skill level is likely sufficient
Equipment Maintenance	3.5	7.2	8.7	> Skill level is likely sufficient
Troubleshooting	4.5	6.9	9.3	>> Skill level is likely more than sufficient
Equipment Selection	3.3	5.9	7.2	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 80			
Focus Occupation: Sailors and Marine Oilers (53-5011) Associated Occupation: Fishers and Related Fishing Workers (45-3011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Static Strength	5.0	12.9	10.6	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	11.9	11.6	0	Current ability level may be sufficient
Reaction Time	4.8	11.9	9.8	<	Some improvement in abilities may be required
Extent Flexibility	4.8	11.6	9.7	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	10.1	<	Some improvement in abilities may be required
Far Vision	7.8	10.6	15.7	>>	Current ability level is likely more than sufficient
Rate Control	3.8	9.8	8.2	<	Some improvement in abilities may be required
Dynamic Strength	3.5	8.5	7.9	0	Current ability level may be sufficient
Glare Sensitivity	2.6	8.0	8.9	>	Current ability level is likely sufficient
Gross Body Equilibrium	3.2	8.0	9.4	>	Current ability level is likely sufficient
Spatial Orientation	2.7	7.8	9.2	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 89
Focus Occupation: Sailors and Marine Oilers (53-5011) Associated Occupation: Fishers and Related Fishing Workers (45-3011)		
Work Activities	Exclusivity of Activity	
Handle boat or ship tie-off lines	89	
Maintain or repair ship/boat engine, machinery or equipment	89	
Maintain production or work records	19	
Mend or repair fishing nets or other watercraft gear	95	
Move or fit heavy objects	8	
Operate hoist, winch, or hydraulic boom	34	
Signal directions or warnings to coworkers	42	
Stand watch on vessel	92	
Steer boat or ship	92	
Use knowledge of seamanship or boat handling	92	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.